



September 13, 2004

Mr. Terry Steele  
United States Department of Agriculture  
Agricultural Research Service  
4317 East Broadway Road  
Phoenix, Arizona 85040

**RE: LIMITED PHASE II ENVIRONMENTAL SITE ASSESSMENT  
U.S. DEPARTMENT OF AGRICULTURE  
AGRICULTURAL RESEARCH SERVICE FACILITIES  
4331 and 4135 EAST BROADWAY ROAD  
PHOENIX, ARIZONA**

Dear Mr. Steele:

Innovative Technical Solutions, Inc. (ITSI) welcomes the opportunity to submit this report that summarizes the field activities and analytical results from the Limited Phase II Environmental Site Assessment (ESA) performed at the United States Department of Agriculture (USDA) Agricultural Research Service (ARS) facilities located at 4331 and 4135 East Broadway Road, Phoenix, Arizona on July 12 through 14, 2004. The Limited Phase II ESA was initiated based upon the findings and conclusions of ITSI's Phase I ESA of the site dated January 9, 2004. Authorization to proceed from the USDA was issued on May 26, 2004.

#### **SITE DESCRIPTION AND BACKGROUND**

The Limited Phase II ESA was constructed on two non-contiguous properties: the United States Water Conservation Laboratory located at 4331 East Broadway Road (Property 4331) and the Western Cotton Research Laboratory located at 4135 East Broadway Road (Property 4135) (Figures 1 and 2). Also located on Property 4135 is a facility occupied by the Animal and Plant Health Inspection Service (APHIS). The mailing address for APHIS is 4125 East Broadway Road. Each of the properties has permanent buildings that are used for office space and research laboratories.

The buildings were constructed from the late 1960s to the early 1970s. During this period, construction with asbestos-containing building materials (ACBM) was common. Therefore the potential exists that the structures may have been constructed with ACBM. Also during this time period, lead-based paint may have been applied to building finishes.

*Providing Turnkey Civil/Environmental Engineering and Construction*

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Property 4331 was originally established to develop methods to conserve surface water and groundwater used for agriculture. Activities at Property 4135 are currently concentrated on studying cotton management and cotton pest management. Property 4125, the APHIS facility, is used to conduct research on the pink bollworm, a common pest to cotton plants. Properties 4331 and 4135 each have a small agricultural field used for research and experiments. Various chemical herbicides and pesticides are known to have been applied on the research fields.

During ITSI's Phase I ESA site reconnaissance of Property 4331, a dry well was identified located in a courtyard surrounded by an asphalt paved parking lot and portable office trailers. The dry well was designed to receive storm water runoff from the parking lot and rain gutters from the surrounding buildings. In addition to the dry well at Property 4331, a suspected septic tank was observed near the northwest corner of the property fronting Broadway Road. According to site information obtained during the Phase I ESA, the septic tank was used prior to the City of Phoenix (COP) Sanitary Sewer System being available along Broadway Road. The facility has since switched over to the COP sanitary sewer system.

## SCOPE OF SERVICES

Based upon the findings and conclusions of ITSI's Phase I ESA of the site, the following activities were to be performed as part of the Limited Phase II ESA:

- Conduct a preliminary screening for ACBM of the facilities friable and/or predominant building materials at Properties 4135 and 4331. In addition, at the request of Mr. Terry Steele of the USDA, the APHIS facility (Property 4125) was included in the preliminary asbestos screening. The preliminary screening was not intended to be a comprehensive survey as to the confirmation and extent of ACBM as defined by the Asbestos Hazard Emergency Response Act (AHERA) and National Emission Standard for Hazardous Air Pollutants (NESHAP) Regulations. The preliminary screening for asbestos was merely intended to verify the likelihood that ACBM are within the facilities, and to identify what requirements will be necessary for demolition, renovation and/or building maintenance.
- Conduct a screening for lead-based paint in the aforementioned buildings.
- Collect a sample of the material from within the septic tank at Property 4331.
- Collect a soil/sludge sample from within the dry well located in the courtyard of Property 4331.
- Collect several composite soil samples from the agricultural fields, Properties 4135 and 4331, for analysis of pesticides/herbicides.

## FIELD ACTIVITIES

The following sections summarize the field activities performed as part of the Limited Phase II ESA. Site activities were conducted on July 12 and 13, 2004 by Mr. Frank Van Alstine and Ms. Rebekah Weekly of ITSI. ITSI subcontracted AMEC Earth and Environmental (AMEC) who performed the preliminary asbestos and lead-based paint survey from July 12 through 14, 2004. Analytical samples were submitted to Aerotech Environmental Laboratories (AEL) of Phoenix, Arizona.

On July 12, 2004, ITSI personnel and Mr. Dale Owens of AMEC met with Mr. Terry Steele of the USDA. A brief kick-off meeting with all parties was initiated by Mr. Van Alstine. Topics of discussion included the scope of work, access to both sites (Properties 4331 and 4135), and the projected schedule.

A photographic log documenting ITSI's sampling activities is attached as Appendix A. ITSI's field documentation is attached as Appendix B, and laboratory analytical reports prepared by AEL are attached as Appendix C. A report presenting the findings of the preliminary asbestos and lead-based paint survey is attached as Appendix D.

### Agricultural Field Sampling

After the project kick off meeting, ITSI set up to collect composite soil samples from the agricultural fields at Properties 4331 and 4135. Ms. Weekly gave a tailgate safety briefing prior to initiating the sampling activities.

The agriculture fields at Properties 4331 and 4135 were divided into five separate sections (Figure 2). Within each section, three sub-samples were collected at locations randomly selected. A hand auger was used to core to 6 inches below the surface. A soil sample was collected at each location from a depth between 6 and 12 inches. The samples were placed in laboratory grade 4-ounce (oz) glass jars and kept in a cooler with ice until receipt by the laboratory. Each of the samples was maintained under chain-of-custody protocols. Prior to analysis, the sub-samples were composited by the laboratory into one sample per section. A total of five composite samples from each field were analyzed for organochlorine pesticides by U.S. Environmental Protection Agency (EPA) Method 8081, for organophosphorous pesticides by EPA Method 8141, and for herbicides by EPA Method 8151.

### Dry Well Sampling

ITSI collected a soil/sludge sample from the dry well located in the courtyard at Property 4331. A grab sample was collected from the material at the bottom of the dry well. Sample DW-4331-01 was submitted to the laboratory for analysis of volatile organic compounds (VOCs) by EPA Method 8260B, Resource Conservation and Recovery Act (RCRA) Metals by EPA Method 6010, and petroleum hydrocarbons by Arizona Department of Health Services (ADHS) Method 8015AZ.R1. ITSI followed the same sample handling procedures and documentation as outlined in the Agricultural Field Sampling section above.

## **Suspected Septic Tank Sampling**

On July 12, 2004, ITSI attempted to collect a sludge sample from the base of the suspected septic tank located in front of the main building at Property 4331. ITSI removed the two manhole covers originally identified as covering the septic tank. Standing water was observed in the bottom of both pits. Upon further examination, it appeared that septic system may now be connected to the COP sanitary sewer system. ITSI attempted to collect a sludge sample from the tank by lowering a hand auger into the base of the tank. However, ITSI was unable to collect a sludge sample for analysis. A decision was made to return the next day with a bailer and collect a water sample to be analyzed for the same parameters.

ITSI personnel returned on July 13, 2004 to collect a water sample from the suspected septic tank using a disposable bailer. The sample, ST-4331-01 was submitted to AEL's fixed-based laboratory for analysis of VOCs by EPA Method 8260B, for RCRA Metals by EPA Method 6010, and for petroleum hydrocarbons by ADHS Method 8015AZ.R1.

## **Asbestos and Lead-Based Paint Survey**

Dale Owens of AMEC conducted the preliminary asbestos and lead-based survey at Property 4331, 4135, and 4125. A total of 32 samples of friable and/or predominant suspect ACM materials were collected for analysis using Polarized Light Microscopy (PLM) with dispersion staining techniques, as outlined by EPA Method 600/R-93/116. In addition, AMEC tested numerous painted, stained and/or varnished surfaces from the interior and exterior offices, laboratories, and common areas for lead-based paint using a portable x-ray fluorescence (XRF) spectrum analyzer. Items that were tested included walls, floors, ceilings, doors, window frames, cabinets, and any other material that was used in the construction of the buildings surveyed. A copy of AMEC's report of findings for the limited asbestos and lead-based paint inspection is attached as Appendix D.

## **Decontamination**

ITSI personnel followed standard decontamination procedures while collecting environmental samples for analysis. A stainless steel hand auger was used to collect soil samples. The hand auger was thoroughly cleaned and decontaminated between sample locations. An Alconox™/distilled-deionized water mixture, followed by a distilled/deionized water rinse was used to clean the hand auger. A disposable, single-use bailer and nylon string was used to collect the liquid sample from the suspected septic tank. These were disposed of after that single use.

## **Summary of Analytical Results**

Analytical results of the composite samples from the agricultural fields at Property 4331 and Property 4135 were below laboratory detection limits for all parameters with the exception of 4,4'-DDE and toxophene. Concentrations of 4,4'-DDE ranged from 0.011 to 0.46 milligrams per kilogram (mg/Kg) and concentrations of toxaphene ranged from 0.27 to 0.60 mg/Kg (Table 1). The results were well below the stringent Arizona Department of Environmental Quality

(ADEQ) Residential Soil Remediation Levels (SRLs) of 13 mg/Kg for 4,4'-DDE and 4 mg/Kg for toxaphene.

Analytical results for the soil/sludge sample collected from the dry well, DW-4331-01, indicated trace amounts of barium, cadmium, chromium, lead, and trichlorofluoromethane (Table 2). All results were below ADEQ residential SRLs. All other parameters were below laboratory detection limits.

Analytical results for the water sample collected from the suspected septic tank, ST-4331-01, were below laboratory detection limits for all parameters with the exception of barium and cadmium at 0.12 milligrams per liter (mg/L) and 0.0057 mg/L, respectively (Table 2).

### **Summary of Findings of the Preliminary Screening for Asbestos and Lead-Based Paint**

Six areas that were sampled were defined as containing asbestos in amounts greater than one percent. Building 1 at Property 4135 contained three areas of concern (Figure 3). Asbestos was found in the 2-foot by 4-foot acoustical ceiling panels throughout the north section of the building, in the equipment sealant on HVAC equipment seams, and in the pipe fitting insulation in the mechanical rooms. Two areas were identified in Building 3 at Property 4135 (Figure 3). Asbestos was found in the pipe fitting insulation on the east end of the building and in the pipe hanger supports on the insulated pipe runs. Asbestos was also found in the window glazing compound of Greenhouse 44 at Property 4331 (Figure 4).

Two test locations were defined as containing lead equal to or greater than 1.0 milligrams of lead per square centimeter of surface area (mg/cm<sup>2</sup>). The locations identified included the floor coating in the north laboratory electrical room and in paint on the metal i-beam columns located on the perimeter walls at Building 42 of Property 4331 (Figure 4). AMEC's Report of Findings is included as Appendix D.

### **CONCLUSIONS AND RECOMMENDATIONS**

ITSI has performed a Limited Phase II ESA of the United States Water Conservation Laboratory located at 4331 E. Broadway Road (Property 4331), the Western Cotton Research Laboratory located at 4135 E. Broadway Road (Property 4135), and the APHIS facility located at 4125 E. Broadway Road (Property 4125) in Phoenix, Arizona. The following conclusions and recommendations are based on ITSI's findings during the Phase II ESA.

- The concentrations of the five analytes detected from the environmental samples were well below the ADEQ Residential SRLs. Based on the analytical sample results from the agricultural research fields at Property 4331 and Property 4135, and from the dry well and the suspected septic tank at Property 4331, no further action is recommended at these areas.
- Asbestos was identified in six locations at Property 4331 and Property 4135. Asbestos is not required to be removed from occupied buildings. However, management of ACBM is necessary to prevent or limit exposure to workers as defined by the Occupational

Safety and Health Administration (OSHA). Routine maintenance can disturb ACBM, which can become airborne. During the time that workers occupy the buildings, an asbestos management plan should be prepared and implemented for the handling of building material that contains asbestos. Furthermore, a full comprehensive asbestos building inspection will be required before renovation or demolition of any of the buildings.

- Lead-based paint was identified in two locations at Property 4331. Lead-based paint is not required to be removed. However, precautions should be taken during any renovation or remodeling activities to minimize or control the potential hazard from airborne lead-containing dust and debris.

If you need any additional information, please call us at (480) 706-6488.

Respectfully submitted,

**Innovative Technical Solutions, Inc.**

Lawrence E. Phillips, R.G.  
Senior Project Manager

Enclosures as Follows

Tables:

Table 1 – Summary of Analytical Results (Agricultural Field Samples)

Table 2 – Summary of Analytical Results (Dry well and Septic Tank Samples)

Figures:

Figure 1 – Project Vicinity Map

Figure 2 – Project Location Map and Sample Locations

Figure 3 – 4135 East Broadway Road Facility Layout

Figure 4 – 4331 East Broadway Road Facility Layout

Attachments:

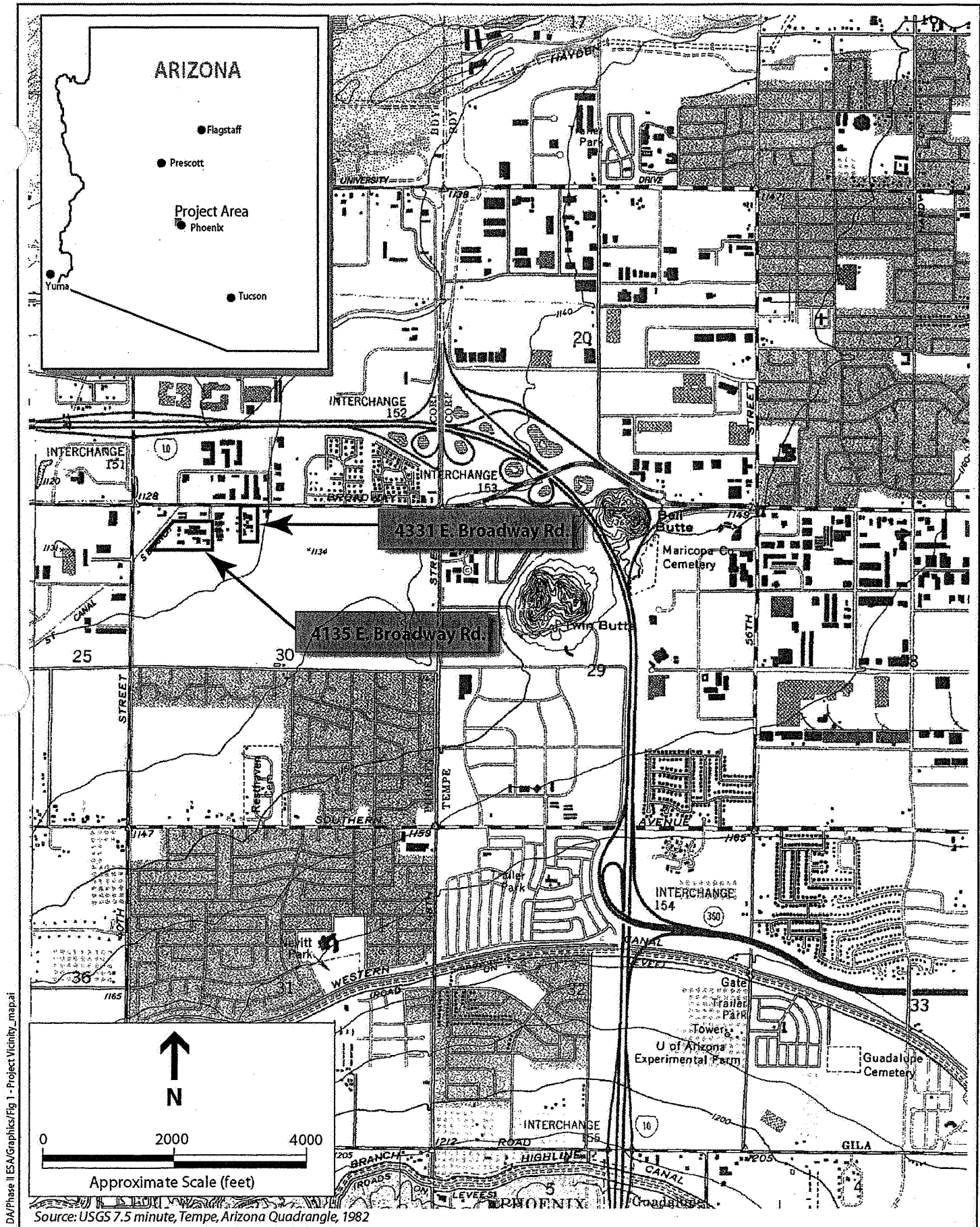
Appendix A – Photographic Documentation

Appendix B – Field Documentation

Appendix C - Laboratory Analytical Reports

Appendix D – Report of Findings Limited Asbestos and Lead-Based Paint Inspection by AMEC  
Earth and Environmental (August 4, 2004)

## FIGURES



DA/Phase II ESA/Graphics/Fig 1 - Project Vicinity\_map.ai

Project/2003/c

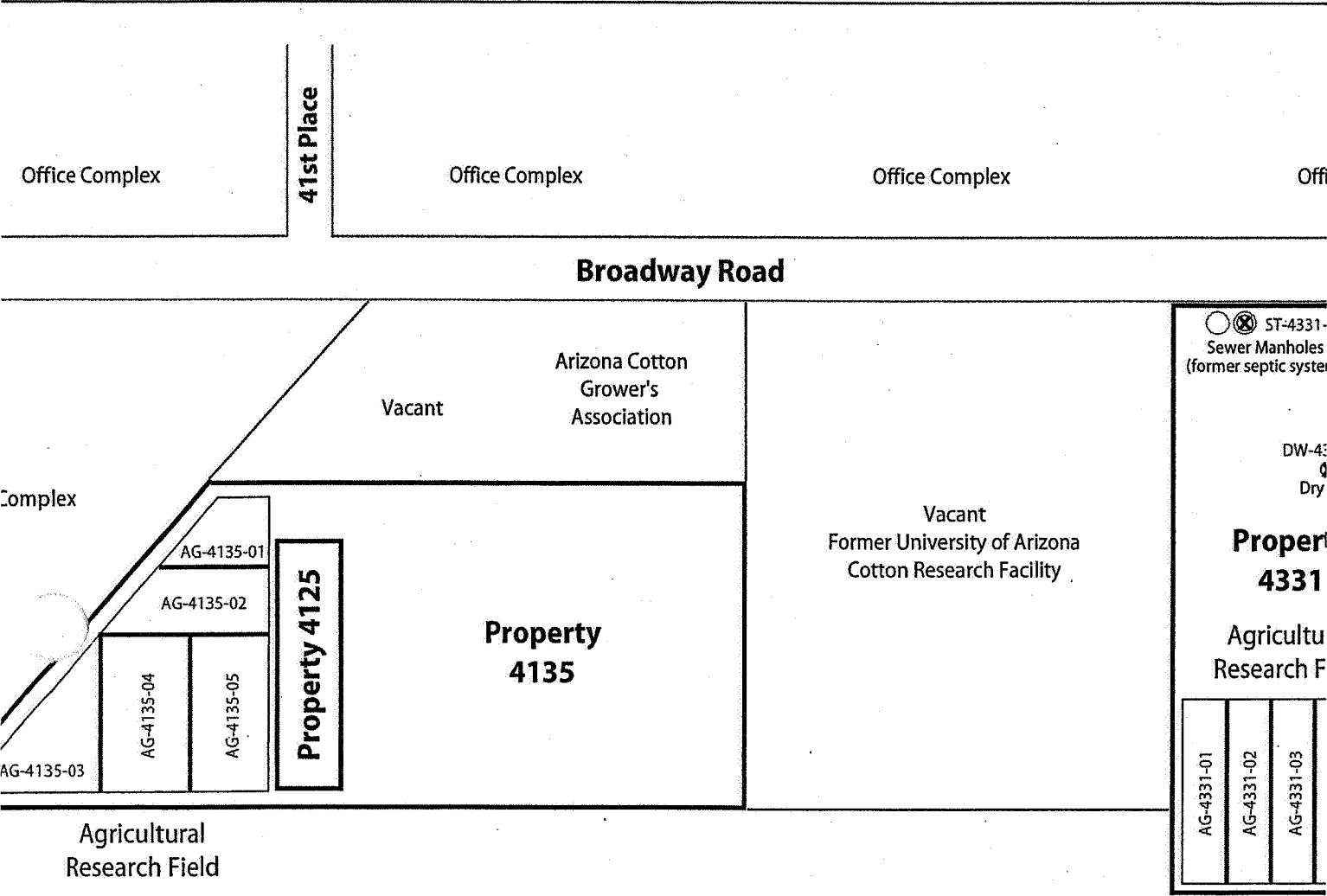


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**Phase II Environmental Site Assessment**  
United States Department of Agriculture  
4331 E. Broadway Rd. and 4135 E. Broadway Rd.  
Phoenix, Arizona

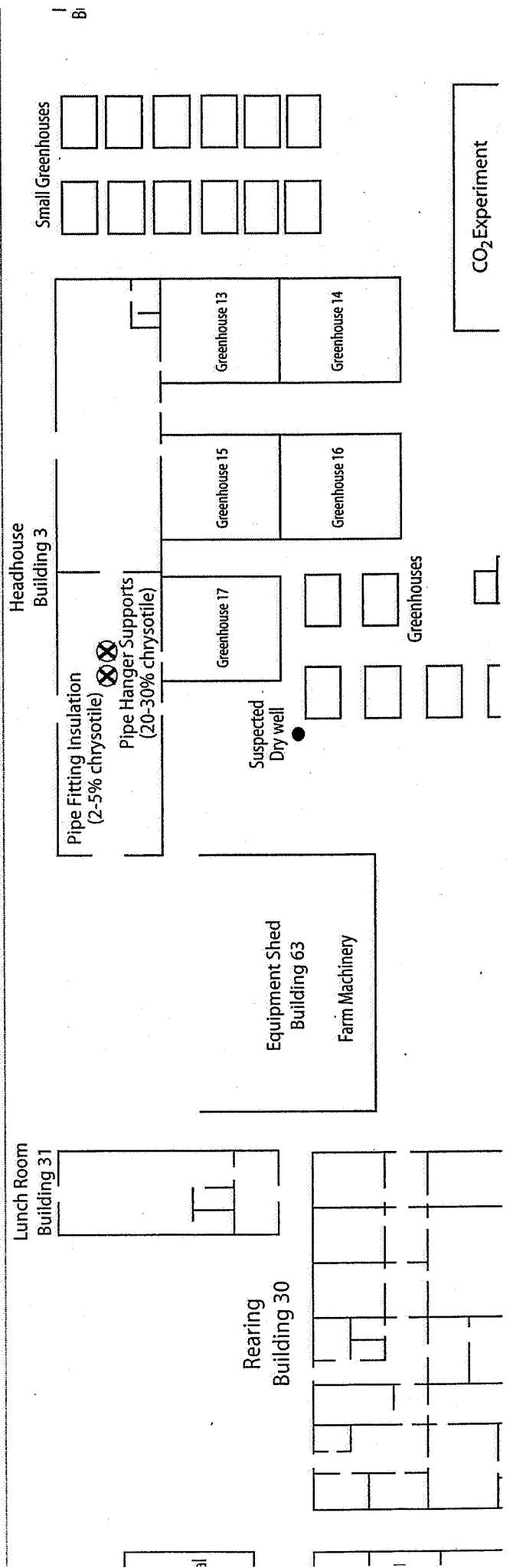
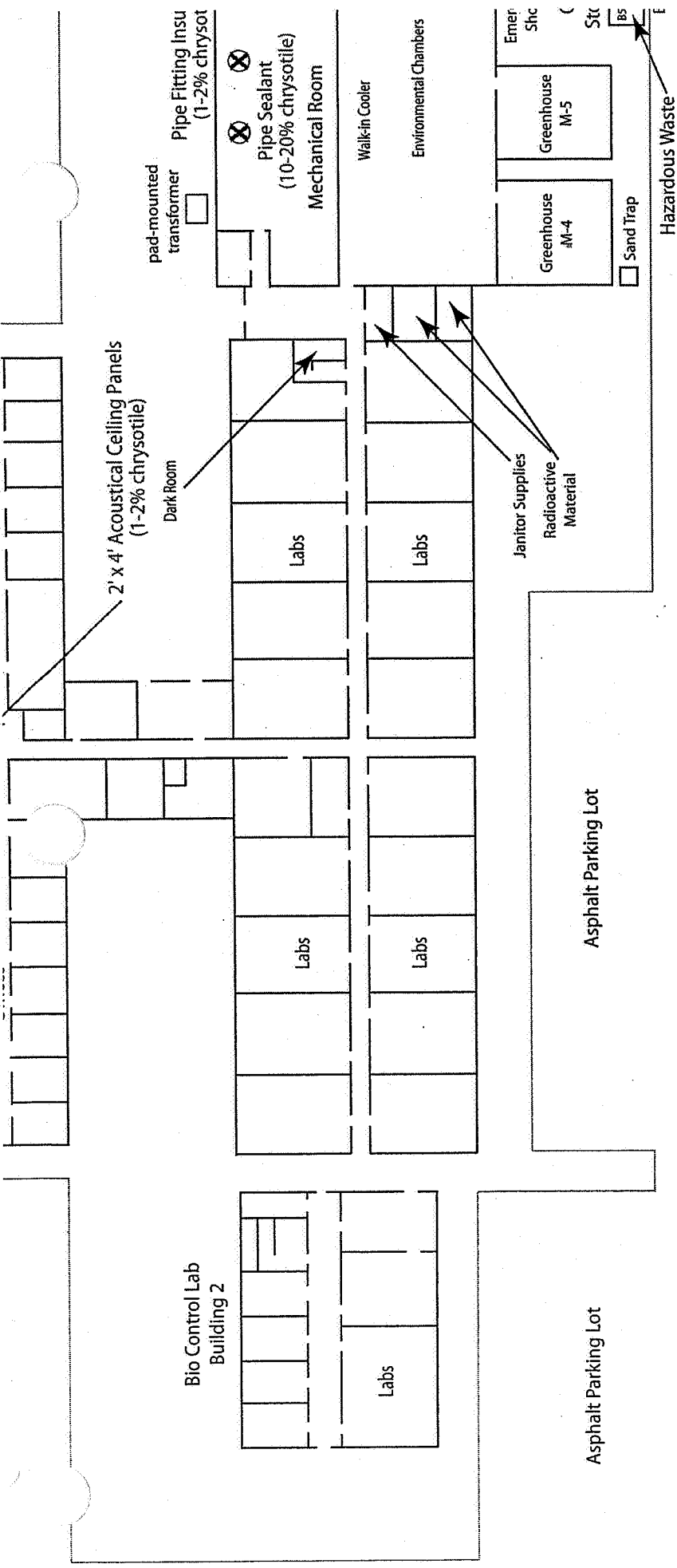
**Figure 1**  
Project Vicinity Map

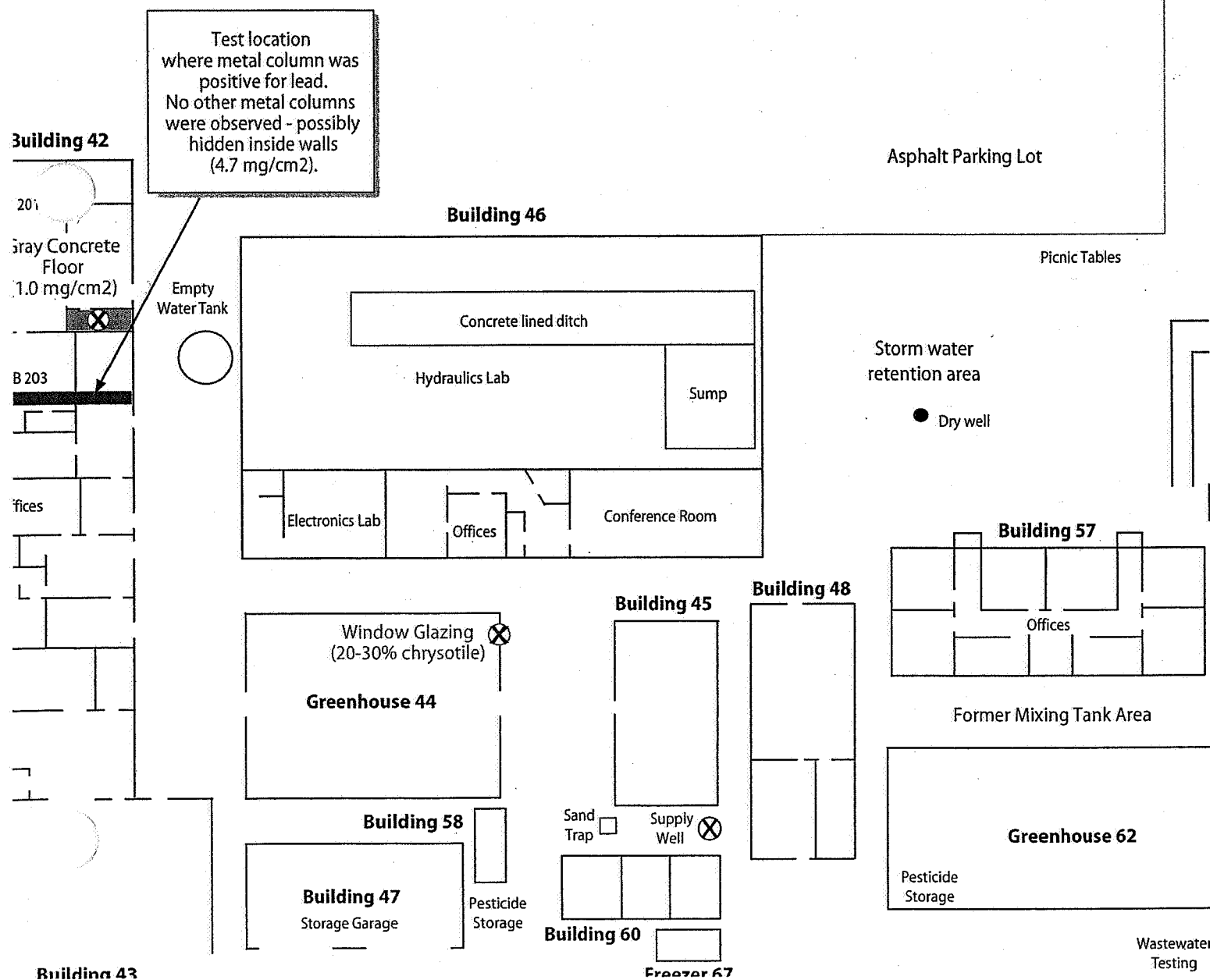
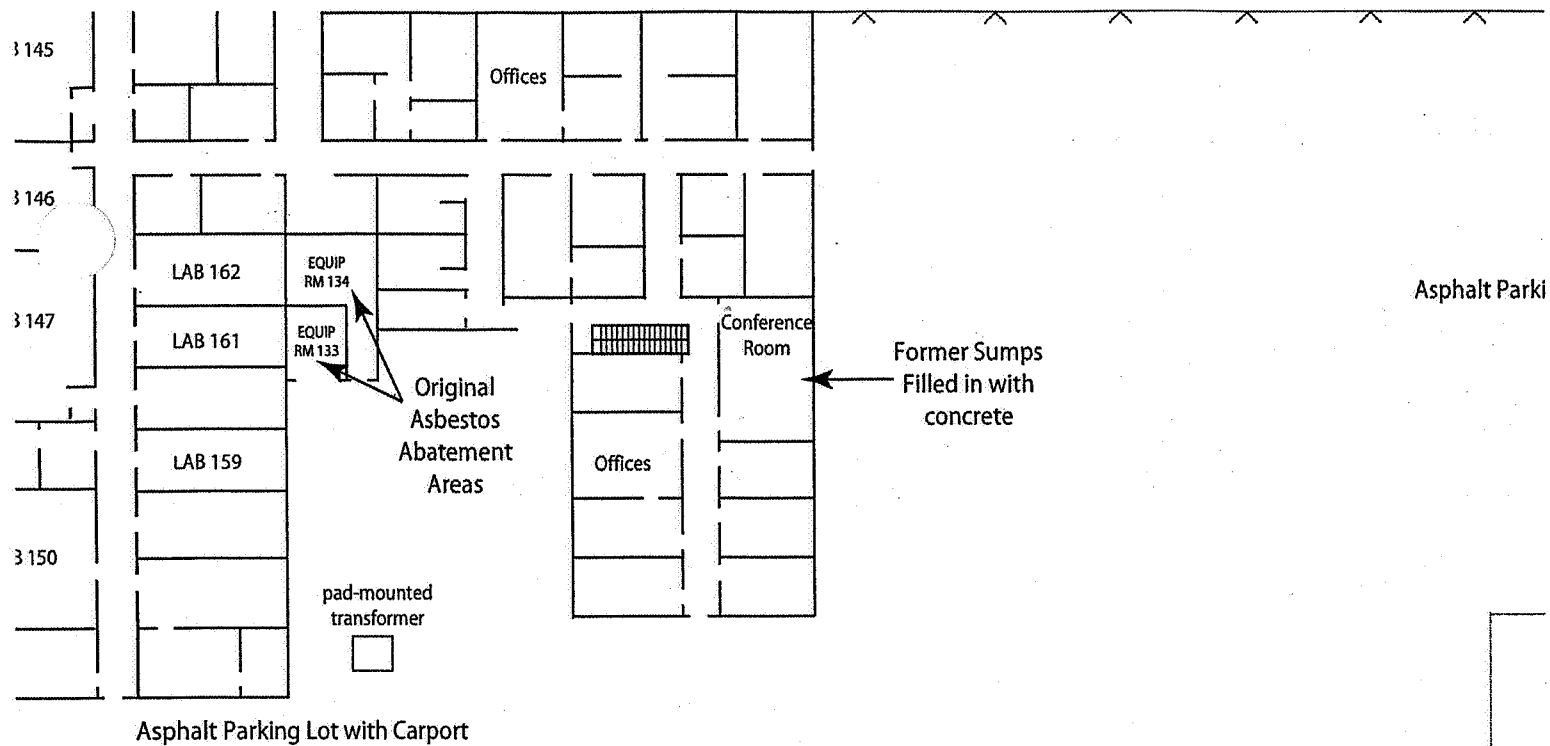




4331-01a, ST-4331-01b, ST-4331-01c) were collected from each zone (as indicated above) N01  
ch Fields and composited by the laboratory into one sample (ST-4331-01).

<b>innovative echnical olutions, Inc.</b>	<b>Phase II Environmental Site Assessment</b> United States Department of Agriculture 4331 E. Broadway Rd. and 4135 E. Broadway Rd. Phoenix, Arizona	<b>Fi</b> Project I and Sam
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## **TABLES**

**Table 1**  
**Summary of Analytical Results**  
  
**Limited Phase II Environmental Site Assessment**  
**U.S. Department of Agriculture**  
**4331 and 4135 E. Broadway Road**  
**Phoenix, Arizona**

Agricultural Research Field at Property 4331						
Analytical Parameters		Residential	Analytical Results (mg/Kg) <sup>(1)</sup>			
Target Analyte(s)	Analytical Method	SRL (mg/Kg)	AG-4331-01	AG-4331-02	AG-4331-03	AG-4331-05
4,4'-DDE	EPA Method 8081	13	0.11	0.23	0.10	0.46
Toxaphene	EPA Method 8081	4	0.36	0.60	0.27	0.29

Agricultural Research Field at Property 4135						
Analytical Parameters		Residential	Analytical Results (mg/Kg) <sup>(1)</sup>			
Target Analyte(s)	Analytical Method	SRL (mg/Kg)	AG-4331-01	AG-4331-02	AG-4331-03	AG-4331-05
4,4'-DDE	EPA Method 8081	13	0.093	0.12	0.12	0.076
Toxaphene	EPA Method 8081	4	0.34	0.50	0.50	0.38

<sup>(1)</sup> All other analytes for specific analytical method than those shown were not detected above respective Reporting Limits  
 mg/Kg milligrams per kilogram  
 SRL Arizona Department of Environmental Quality (ADEQ) Residential Soil Remediation Level

**Table 2**  
**Summary of Analytical Results**

**Limited Phase II Environmental Site Assessment**  
**U.S. Department of Agriculture**  
**4331 and 4135 E. Broadway Road**  
**Phoenix, Arizona**

<b>Dry Well at Property 4331</b>			
<b>Analytical Parameters</b>		<b>Residential SRL (mg/Kg)</b>	<b>Analytical Results (mg/Kg) <sup>(1)</sup></b>
			<b>DW-4331-01</b>
<b>Target Analyte(s)</b>	<b>Analytical Method</b>		
Barium	EPA Method 6010	5300	120
Cadmium	EPA Method 6010	38	0.94
Chromium	EPA Method 6010	2100	24
Lead	EPA Method 6010	400	24
Trichlorofluoromethane	EPA Method 8260B	380	1.5

<b>Suspected Septic Tank at Property 4331</b>		
<b>Analytical Parameters</b>		<b>Analytical Results (mg/Kg) <sup>(1)</sup></b>
		<b>ST-4331-01</b>
<b>Target Analyte(s)</b>	<b>Analytical Method</b>	
Barium	EPA Method 6010	0.12
Cadmium	EPA Method 6010	0.0057

- (1) All other analytes for specific analytical method than those shown were not detected above respective Reporting Limits
- mg/Kg milligrams per kilogram
- SRL Arizona Department of Environmental Quality (ADEQ) Residential Soil Remediation Level

**APPENDIX A**

**PHOTOGRAPHIC DOCUMENTATION**

## ***Photographic Documentation***

**Client:** U.S. Department of Agriculture  
**Location:** 4331 and 4135 East Broadway, Phoenix, AZ  
**Photograph Dates:** July 12 and 13, 2004

**Prepared by:** ITSI  
**Photographer:** Frank Van Alstine  
**Project Number:** 03.190.02

### **Photograph No. 1**

**Date:** 7/12/04

**Direction:** East

**Description:** View of ITSI personnel collecting a soil sample from the agriculture field on Property 4135.

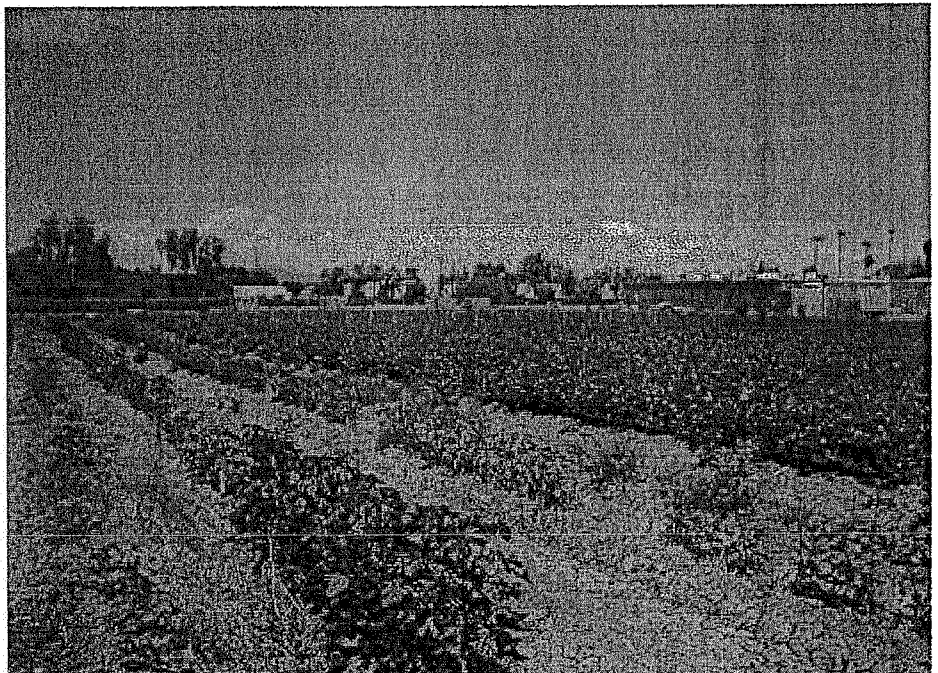


### **Photograph No. 2**

**Date:** 7/12/04

**Direction:** Northeast

**Description:** View of the agricultural field at Property 4135.





## ***Photographic Documentation***

**Client:** U.S. Department of Agriculture  
**Location:** 4331 and 4135 East Broadway, Phoenix, AZ  
**Photograph Dates:** July 12 and 13, 2004

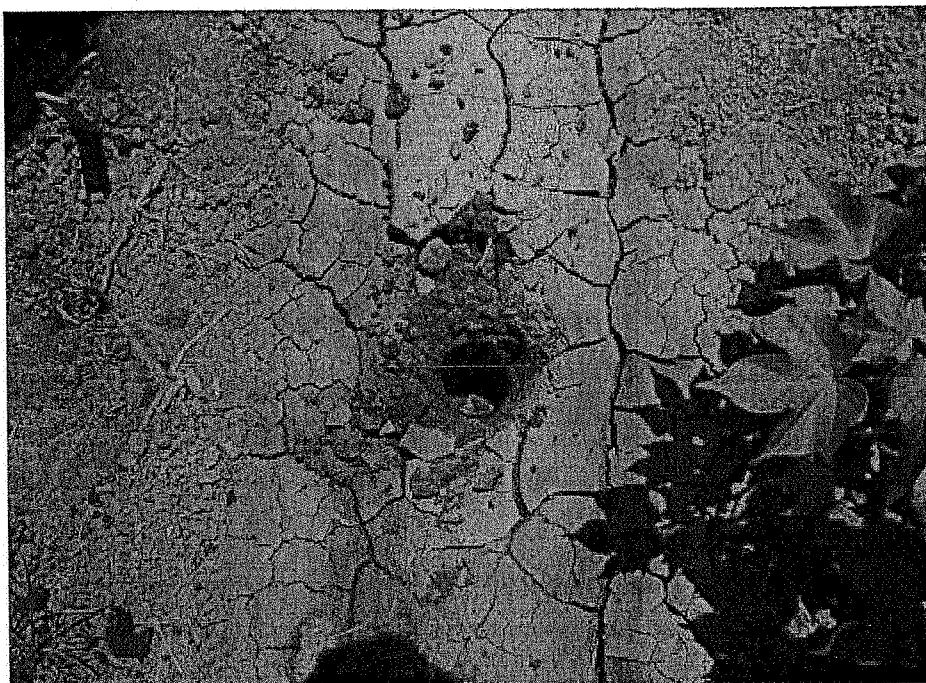
**Prepared by:** ITSI  
**Photographer:** Frank Van Alstine  
**Project Number:** 03.190.02

### **Photograph No. 3**

**Date:** 7/12/04

**Direction:** N/A

**Description:** Close up view of a sub-sample location on agricultural field at Property 4135.



### **Photograph No. 4**

**Date:** 7/12/04

**Direction:** Southeast

**Description:** View of a sub-sample location on the agricultural field located at Property 4331.



## ***Photographic Documentation***

**Client:** U.S. Department of Agriculture  
**Location:** 4331 and 4135 East Broadway, Phoenix, AZ  
**Photograph Dates:** July 12 and 13, 2004

**Prepared by:** ITSI  
**Photographer:** Frank Van Alstine  
**Project Number:** 03.190.02

### **Photograph No. 5**

**Date:** 7/12/04

**Direction:** Northeast

**Description:** View of a sub-sample location on the agricultural field located at Property 4331.



### **Photograph No. 6**

**Date:** 7/12/04

**Direction:** South

**Description:** View of a sub-sample location on the agricultural field located at Property 4331.



## ***Photographic Documentation***

**Client:** U.S. Department of Agriculture  
**Location:** 4331 and 4135 East Broadway, Phoenix, AZ  
**Photograph Dates:** July 12 and 13, 2004

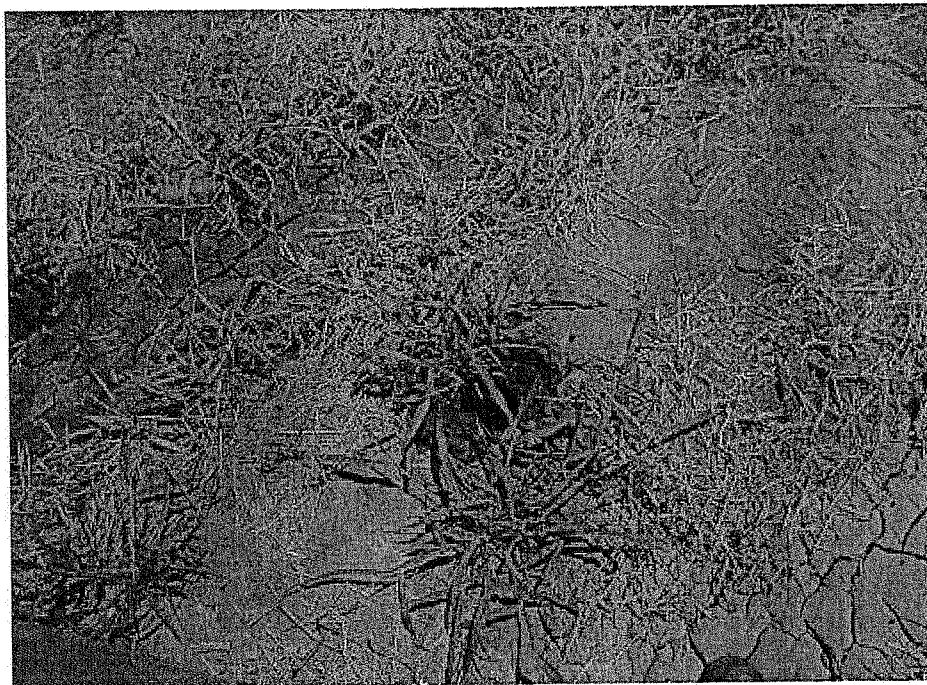
**Prepared by:** ITSI  
**Photographer:** Frank Van Alstine  
**Project Number:** 03.190.02

### **Photograph No. 7**

**Date:** 7/12/04

**Direction:** N/A

**Description:** View of a sub-sample location on the agricultural field located at Property 4135.

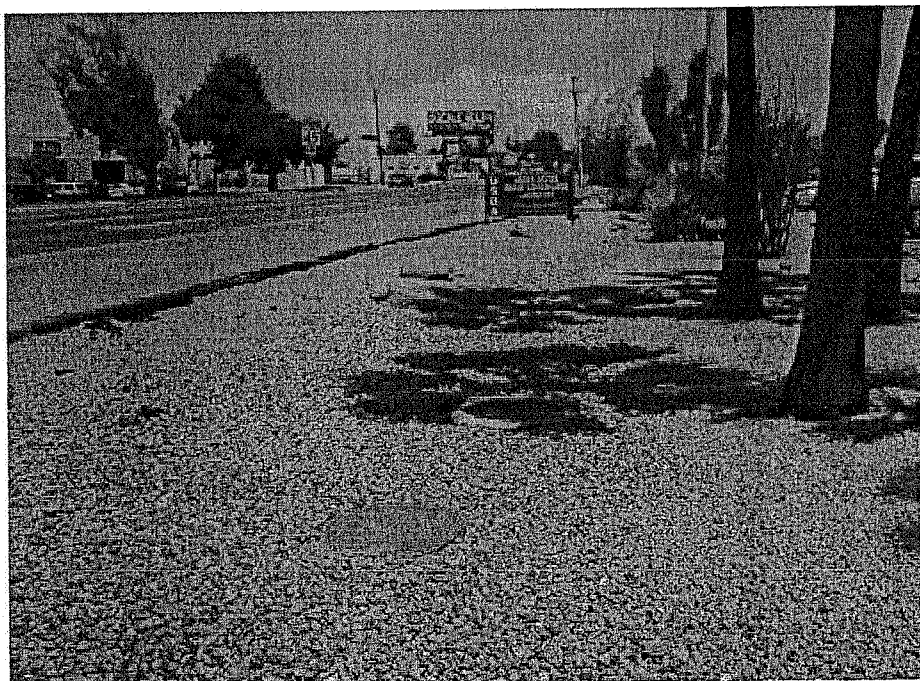


### **Photograph No. 8**

**Date:** 7/12/04

**Direction:** Northeast

**Description:** View of a suspected septic tank in front of Property 4331.





## ***Photographic Documentation***

**Client:** U.S. Department of Agriculture  
**Location:** 4331 and 4135 East Broadway, Phoenix, AZ  
**Photograph Dates:** July 12 and 13, 2004

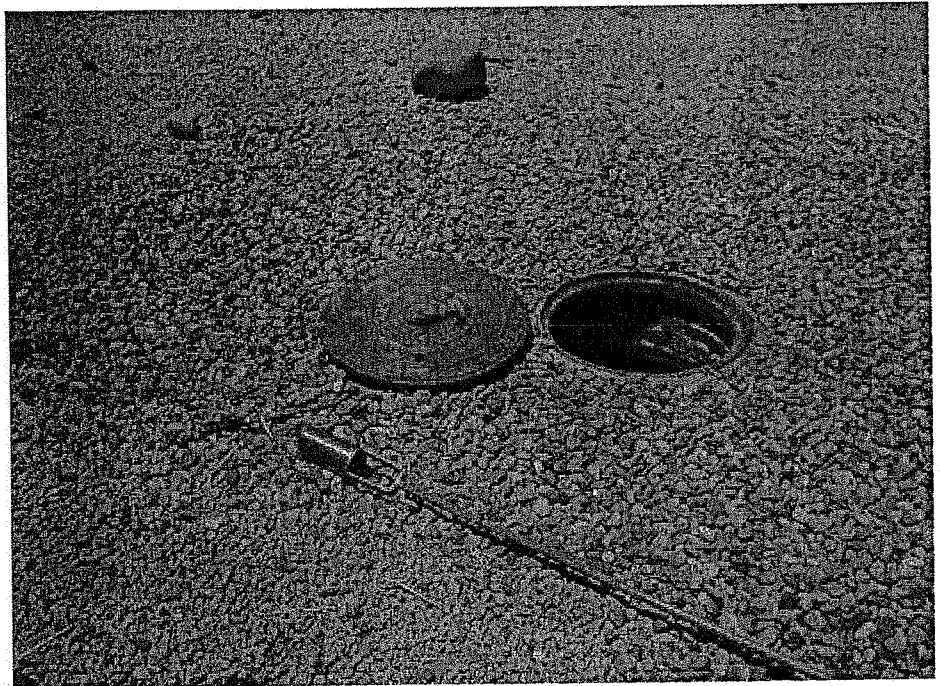
**Prepared by:** ITSI  
**Photographer:** Frank Van Alstine  
**Project Number:** 03.190.02

### **Photograph No. 9**

**Date:** 7/12/04

**Direction:** Northwest

**Description:** ITSI was unable to collect a sludge sample from the suspected septic tank at Property 4331.

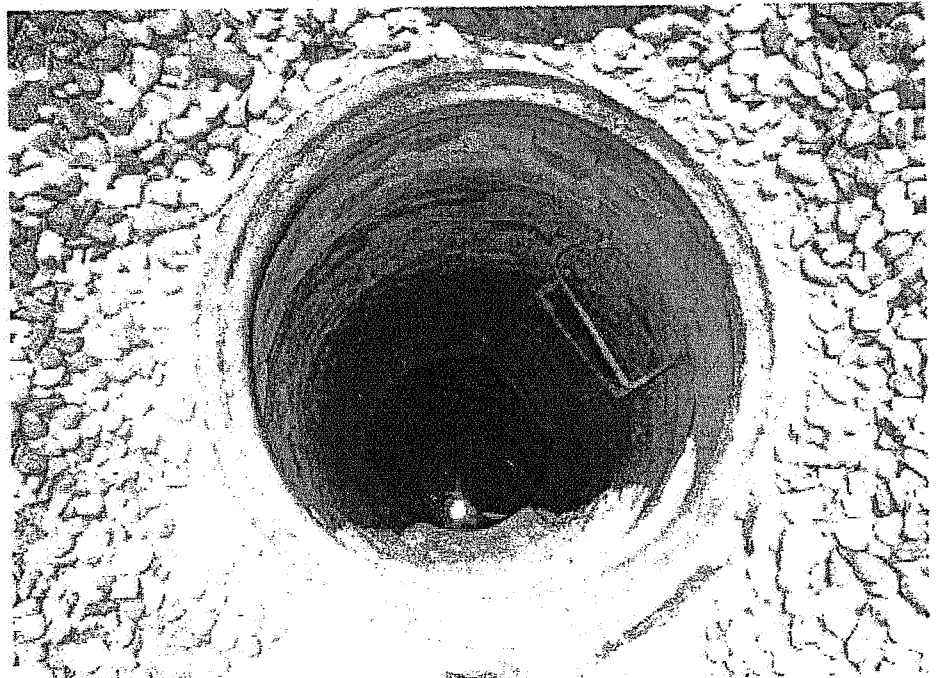


### **Photograph No. 10**

**Date:** 7/13/04

**Direction:** N/A

**Description:** Interior view of the suspected septic tank at Property 4331 (Note: Notice the free standing water at the bottom).





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## ***Photographic Documentation***

**Client:** U.S. Department of Agriculture  
**Location:** 4331 and 4135 East Broadway, Phoenix, AZ  
**Photograph Dates:** July 12 and 13, 2004

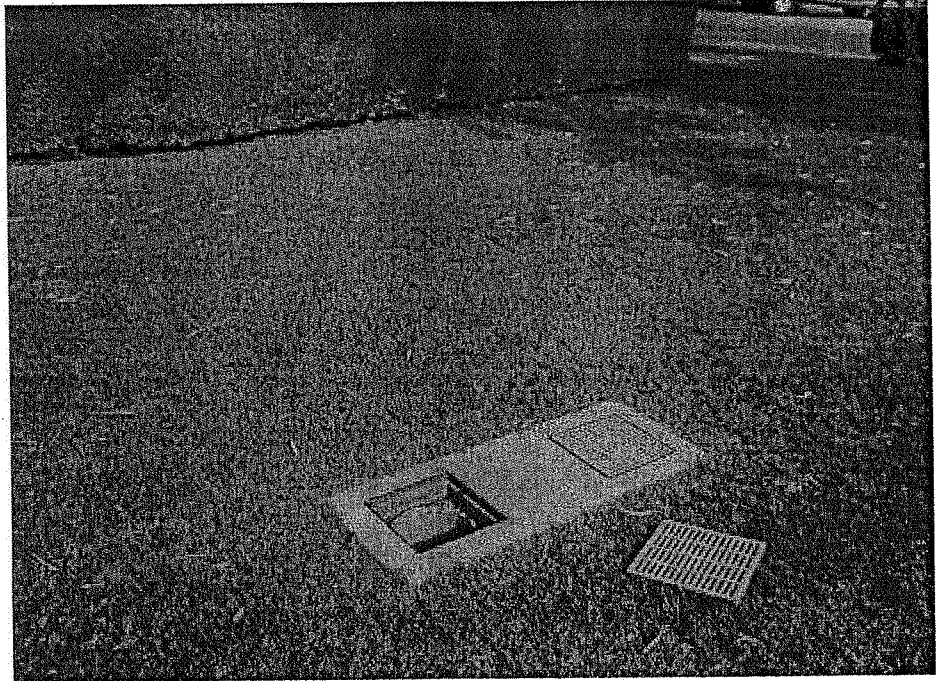
**Prepared by:** ITSI  
**Photographer:** Frank Van Alstine  
**Project Number:** 03.190.02

### **Photograph No. 11**

**Date:** 7/12/04

**Direction:** Southeast

**Description:** View of dry well  
in the courtyard at Property 4331.



### **Photograph No. 12**

**Date:** 7/12/04

**Direction:** N/A

**Description:** Interior view of  
the dry well in the court yard at  
Property 4331.



**APPENDIX B**  
**FIELD DOCUMENTATION**



**Innovative  
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(480) 706-6488 -Telephone  
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Project Name: USDA Phase II

Project Number: 03-190.02

Site Location: USDA ARS

## Daily Activity Report

Date: July 12, 2004

Page 1 of 2

### DESCRIPTION OF FIELD ACTIVITIES AND EVENTS

0700 - R. Weekly and F. Van Alstine arrive at ITSI office to pick-up equipment and supplies

0730 - Onsite at 4331 E. Broadway, D. Owens of AMEC, onsite. Check-in at front desk, meet with Terry Steele.

0745 - ITSI begins tour of facilities with AMEC to go over the buildings included in the Asbestos/Lead Survey

0800 - Set-up to sample Ag field at 4331 E. Broadway

0805 - Health and Safety Briefing

0810 - Set-up 5 sample zones - 3 samples will be collected in each zone with a soil auger and composited at the lab

0815 - Collect AG-4331-01a

0820 - Collect AG-4331-01b

0825 - Collect AG-4331-01c

0830 - Collect AG-4331-02a

0835 - Collect AG-4331-02b

0840 - Collect AG-4331-02c

0845 - Collect AG-4331-03a

0850 - Collect AG-4331-03b

0855 - Collect AG-4331-03c

0900 - Collect AG-4331-04a

0905 - Collect AG-4331-04b

0910 - Collect AG-4331-04c

0915 - Collect AG-4331-05a

0920 - Collect AG-4331-05b

0925 - Collect AG-4331-05c

0930 - Set-up to sample dry well

0945 - Collect sludge sample from dry well, ID# DW-4331-01

1000 - Depart for ITSI office to pick-up additional sampling supplies

1130 - Check-in at 4331 E. Broadway

1140 - Set-up to sample Ag field at 4135 E. Broadway/Set-up 5 sample zones

1145 - Collect AG-4135-01a

1150 - Collect AG-4135-01b

1155 - Collect AG-4135-01c

1200 - Collect AG-4135-02a

1205 - Collect AG-4135-02b

1210 - Collect AG-4135-02c

1215 - Collect AG-4135-03a

1220 - Collect AG-4135-03b

PREPARED BY: Rebekah Weekly

NATURE:

DATE: 7/12/04



**Innovative  
Technical  
Solutions, Inc.**

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(480) 706-6488 -Telephone (925) 256-  
(480) 704-2952 - Fax

Project Name: USDA Phase II

Project Number: 03-190.02

Site Location: USDA ARS

## Daily Activity Report

Date: July 12, 2004

Page 2 of 2

### DESCRIPTION OF FIELD ACTIVITIES AND EVENTS

1225 - Collect AG-4135-03c

1230 - Collect AG-4135-04a

1235 - Collect AG-4135-04b

1240 - Collect AG-4135-04c

1245 - Collect AG-4135-05a

1250 - Collect AG-4135-05b

1255 - Collect AG-4135-05c

1300 - Decon and depart 4135 E. Broadway for 4331 E. Broadway

1315 - Remove covers from Septic/Sewer in front of 4331 E. Broadway - Water appears clear

1320 - Lower soil auger down sewer to collect sludge sample, however, there was no sludge. Spoke with Larry Phillips and he recommends getting a bailer and collecting water sample.

1330 - Stop by Terry Steele's office and left message that we are done for the day and will return tomorrow morning

1345 - Relinquish samples to Aerotech Environmental Laboratories & pick-up new sample bottles

1430 - Return soil auger to EnviroSupply & Service, pick-up bailer

PREPARED BY: Rebekah Weekly

SIGNATURE: 

DATE: 7/12/04





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Technical  
Solutions, Inc.

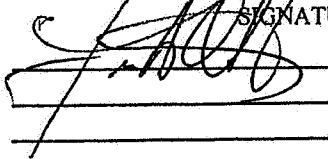
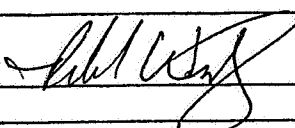
# TAILGATE SAFETY MEETING

DIVISION/SUBSIDIARY \_\_\_\_\_ FACILITY \_\_\_\_\_  
DATE 7/12/04 TIME 0805 JOB NUMBER 03-190-02  
CUSTOMER USDA ADDRESS \_\_\_\_\_  
SPECIFIC LOCATION 4331 E. Broadway Road  
TYPE OF WORK Soil Sampling  
CHEMICALS USED None

## SAFETY TOPICS PRESENTED

PROTECTIVE CLOTHING/EQUIPMENT Level D  
CHEMICAL HAZARDS None  
PHYSICAL HAZARDS Slips, trips, falls, heat, sun  
EMERGENCY PROCEDURES 911  
HOSPITAL Desert Sun - Banner PHONE 911 AMBULANCE PHONE 911  
HOSPITAL ADDRESS US100 & Delaney  
SPECIAL EQUIPMENT \_\_\_\_\_  
OTHER \_\_\_\_\_

## ATTENDEES

PRINTED NAME	SIGNATURE
<u>F. Van Alstine</u>	
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
CONDUCTED BY: <u>Rebekah Wootly</u>	SIGNATURE: 
SUPERVISOR	



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Tempe, Arizona 85284  
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Project Name: USDA Phase II

Project Number: 03-190.02

Site Location: USDA ARS

## Daily Activity Report

Date: July 13, 2004

Page 1 of 1

### DESCRIPTION OF FIELD ACTIVITIES AND EVENTS

0630 - Pick-up ice for samples

0700 - Arrive at ITSI office to pick-up supplies

0725 - R. Weekly and F. Van Alstine onsite, set-up to collect sample from septic/sewer in front of 4331 E. Broadway

0730 - D. Owens, AMEC, onsite continuing lead/asbestos survey, Terry Steele, USDA ARS, onsite and ITSI collecting sample ID# ST-4331-01

0750 - Check-in with the front desk for badge, Terry Steele said to include the APHIS building in the lead/asbestos survey

0800 - Take D. Owens over to 4135 E. Broadway for tour of buildings included in Survey

0820 - ITSI signs out - AMEC will continue with survey today and tomorrow

0830 - ITSI relinquishes samples to the lab

0845 - Depart for ITSI office

PREPARED BY: Rebekah Weekly

NATURE:

DATE: 7/13/04